

FIG. 1

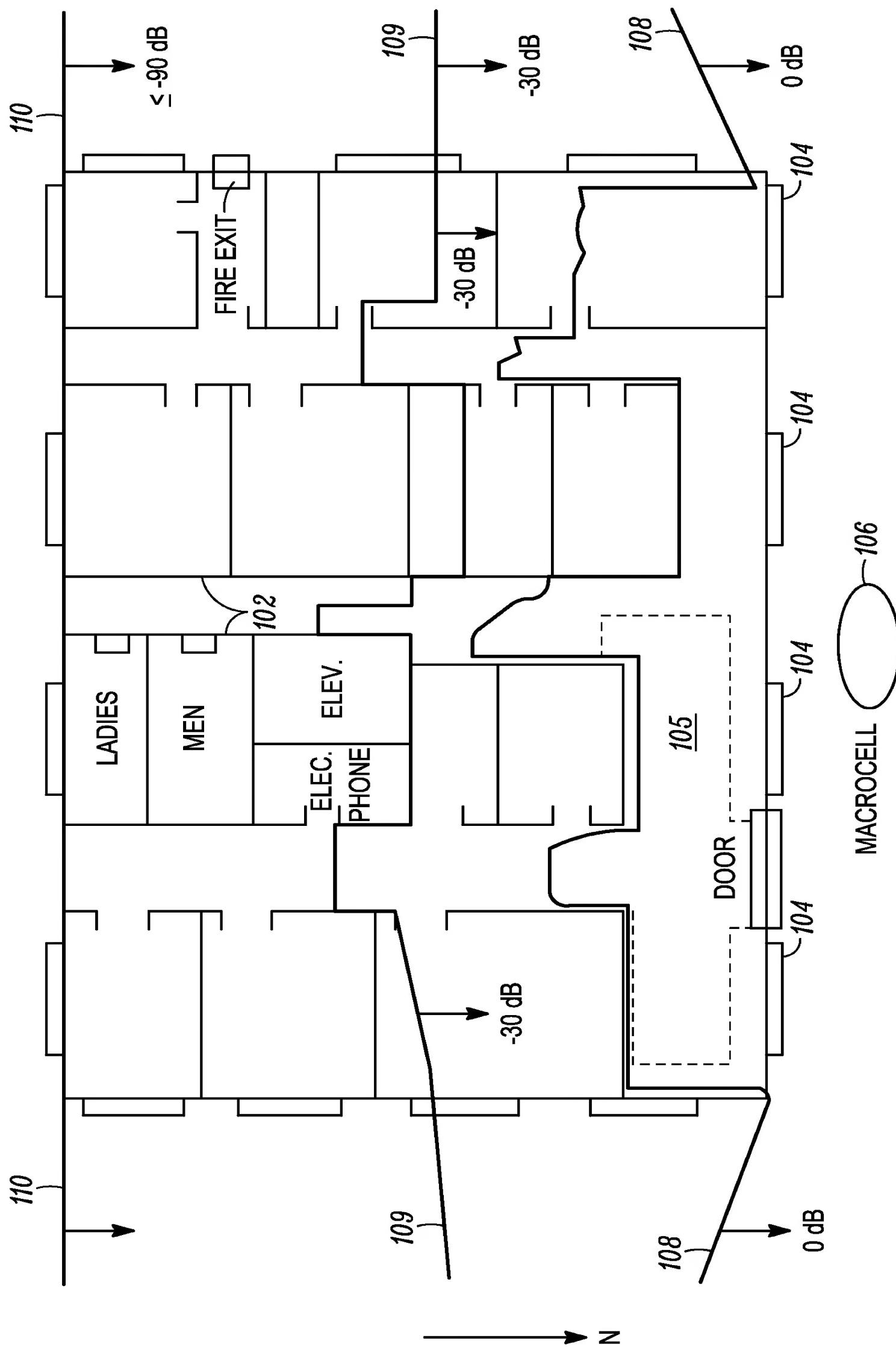
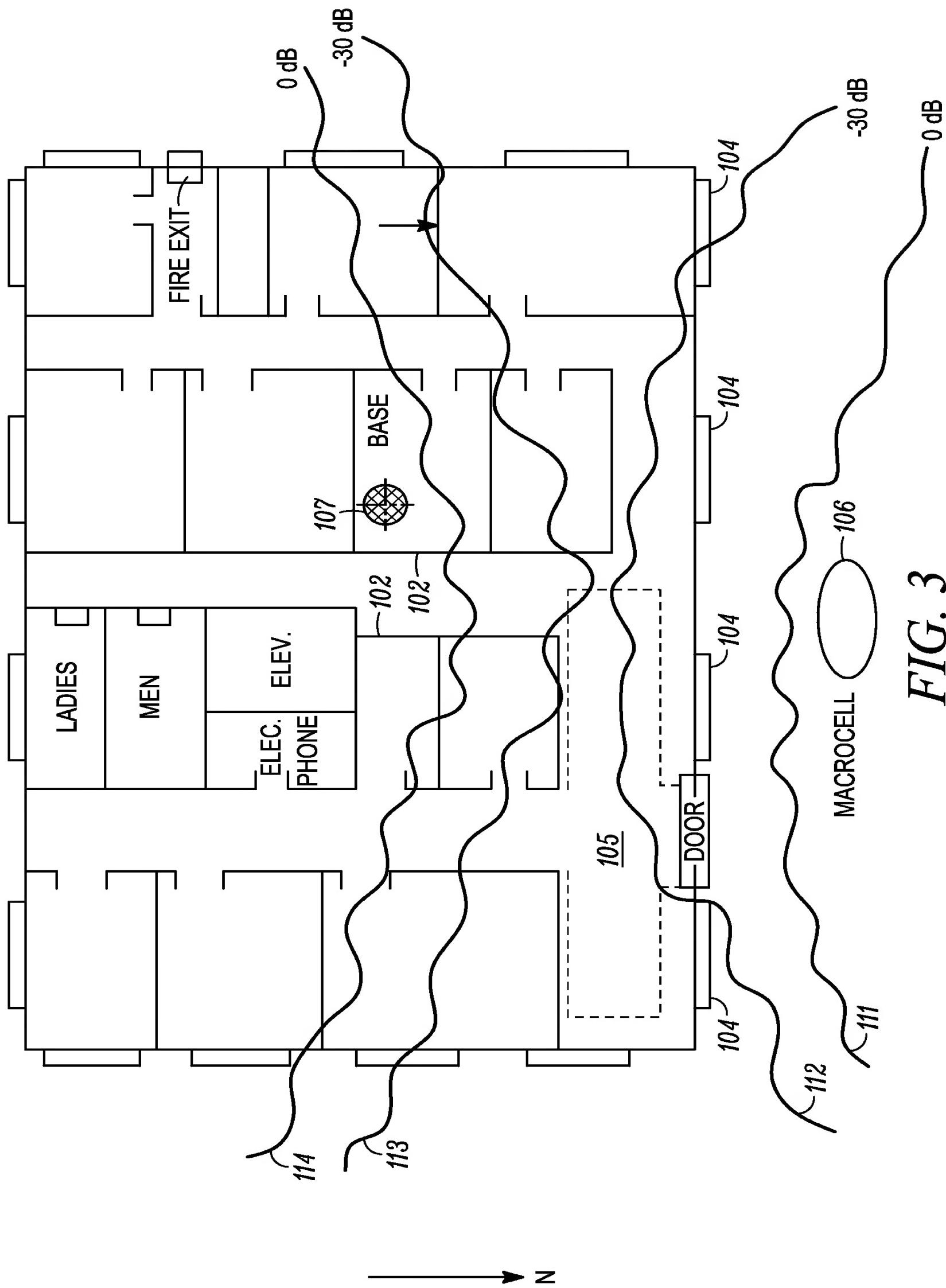


FIG. 2

3/20



4/20

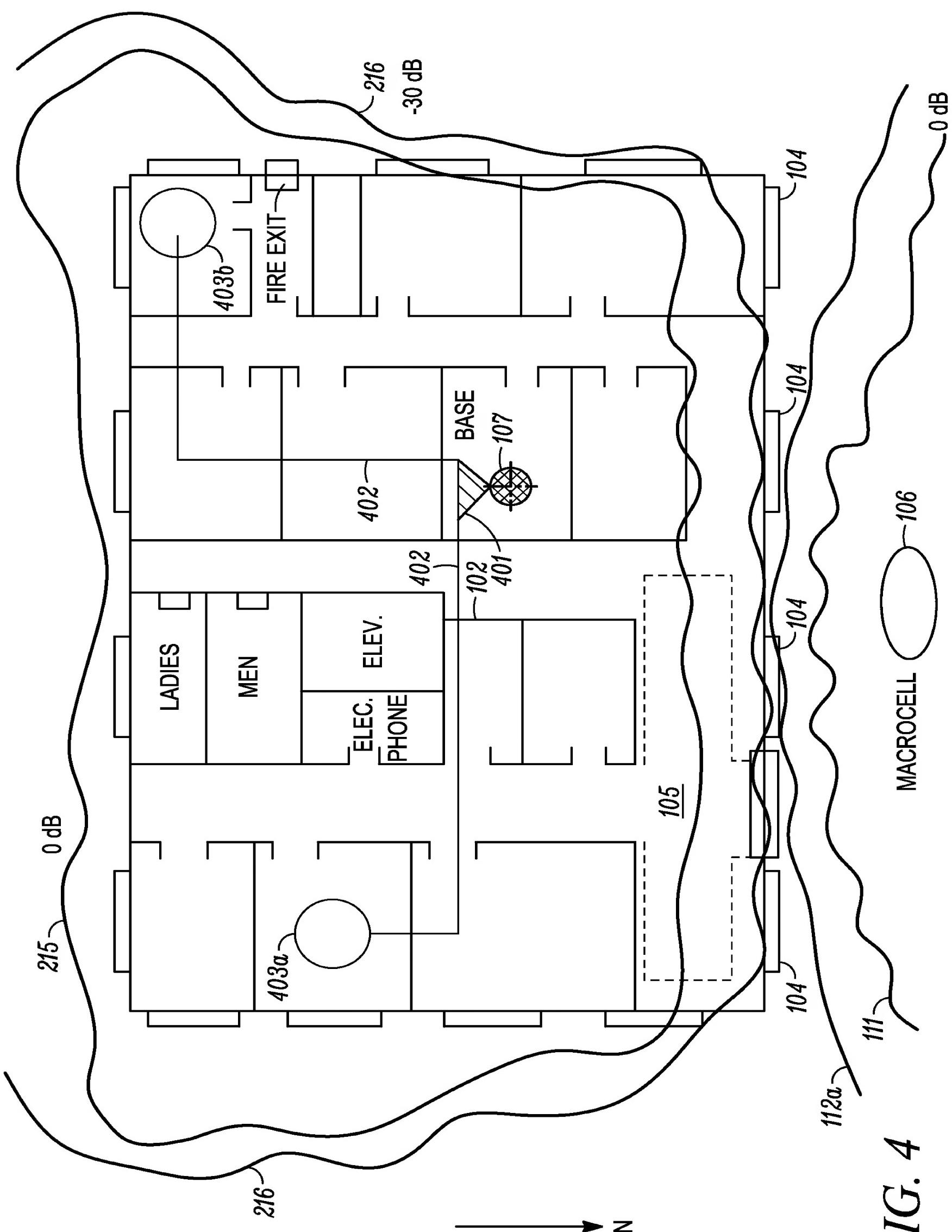


FIG. 4

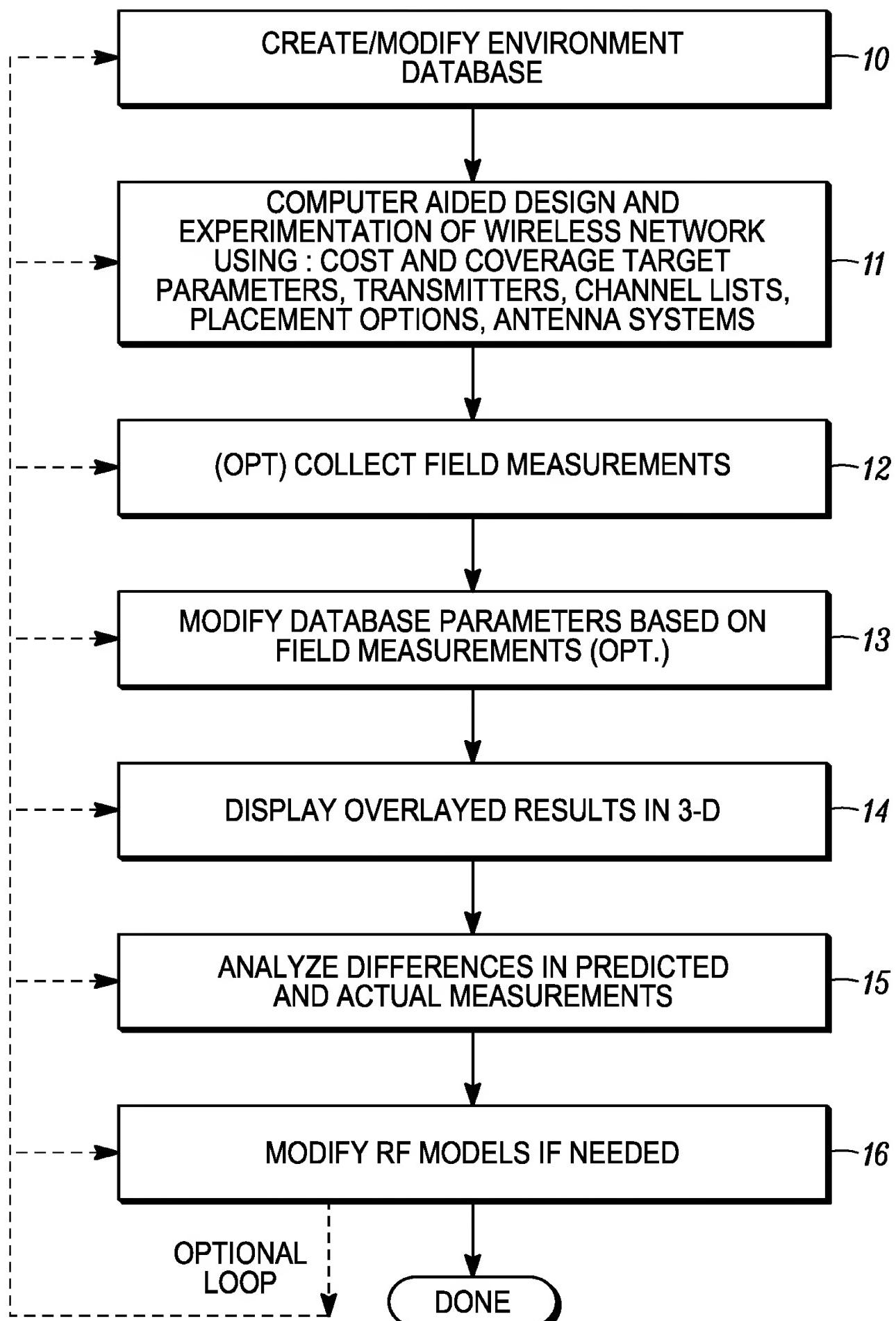


FIG. 5

6/20

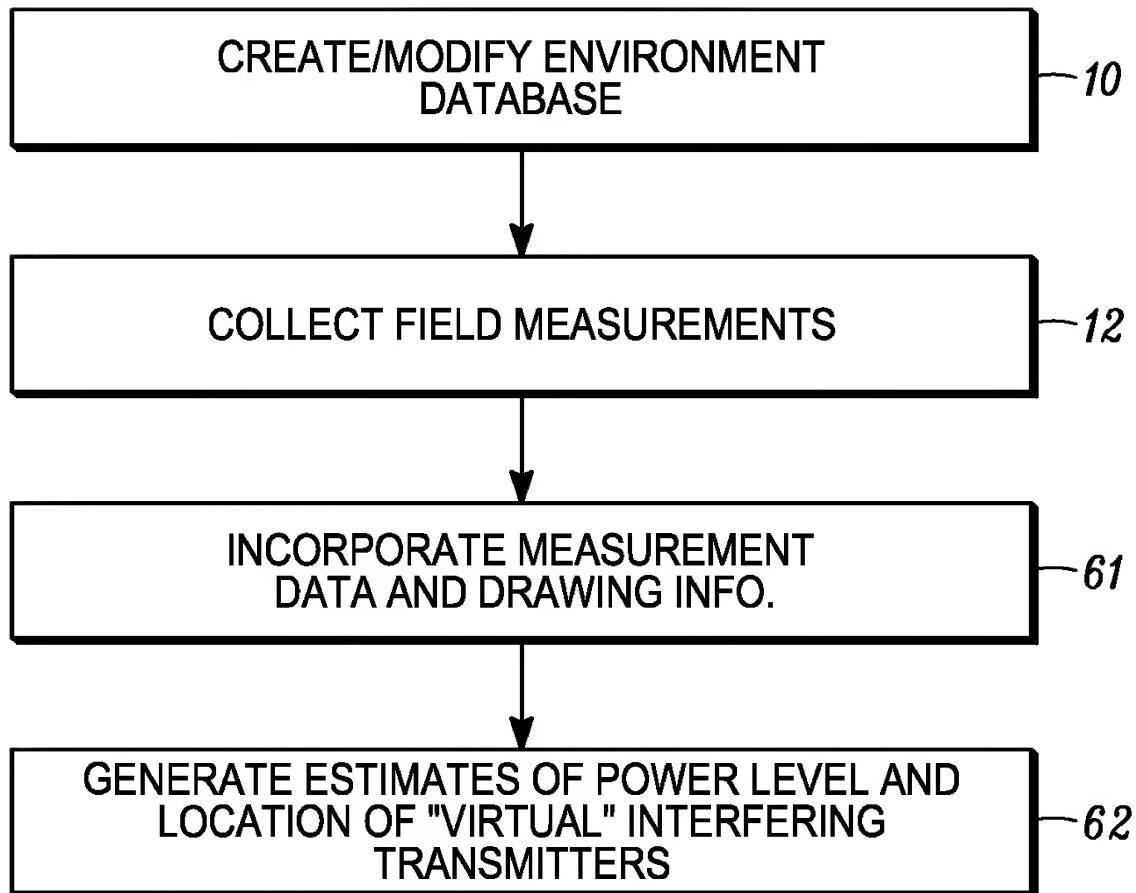


FIG. 6

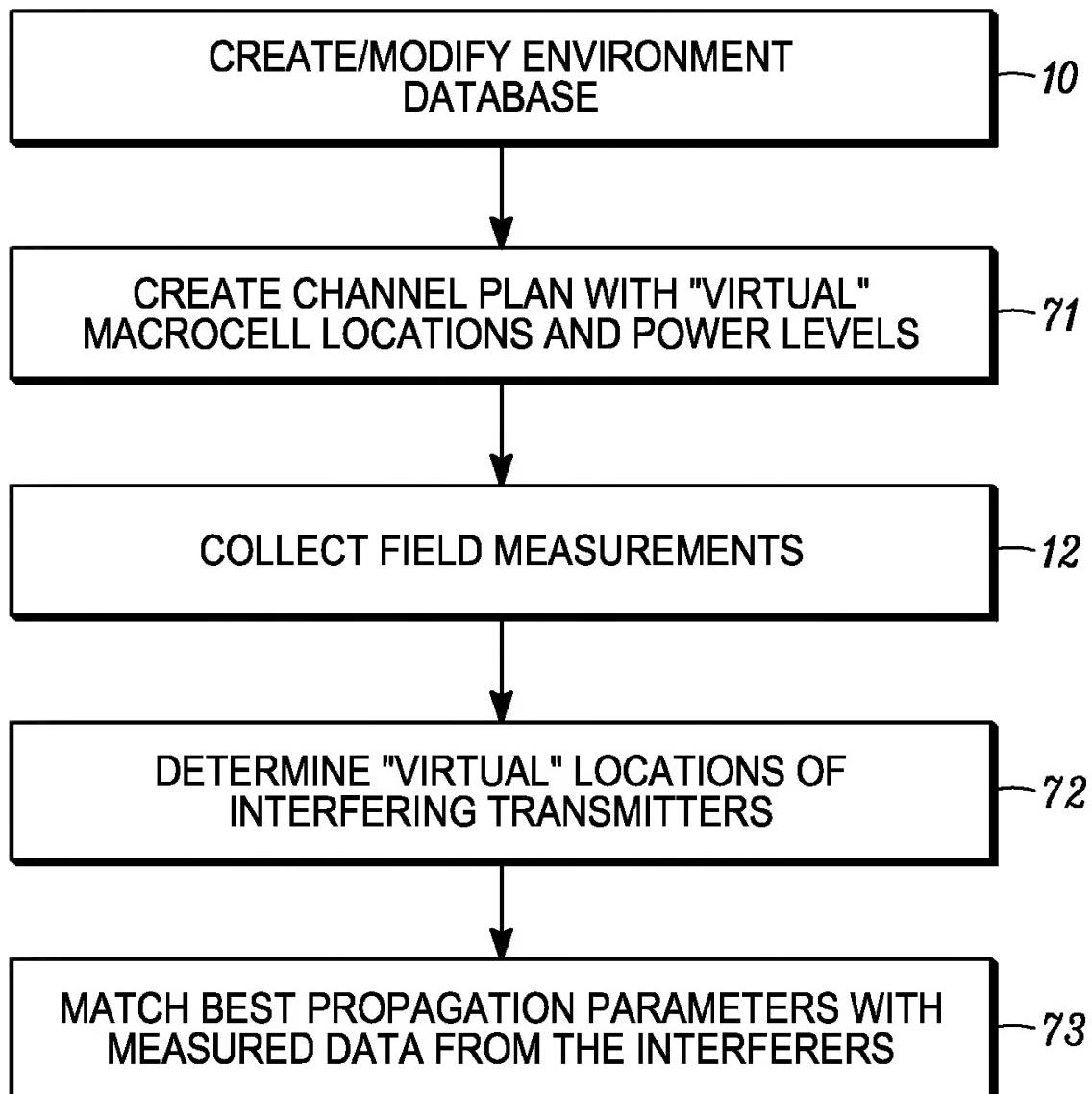


FIG. 7

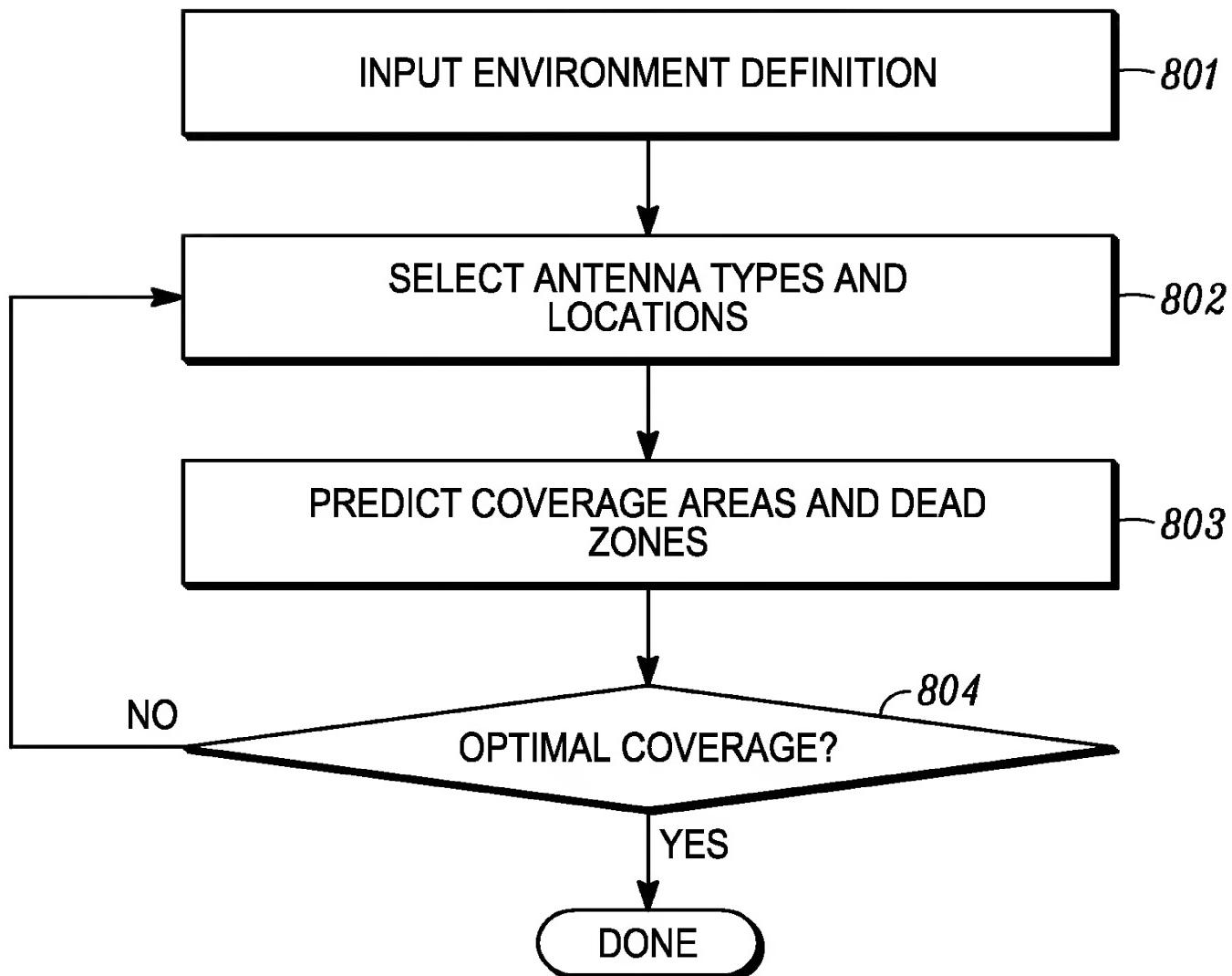


FIG. 8

8/20

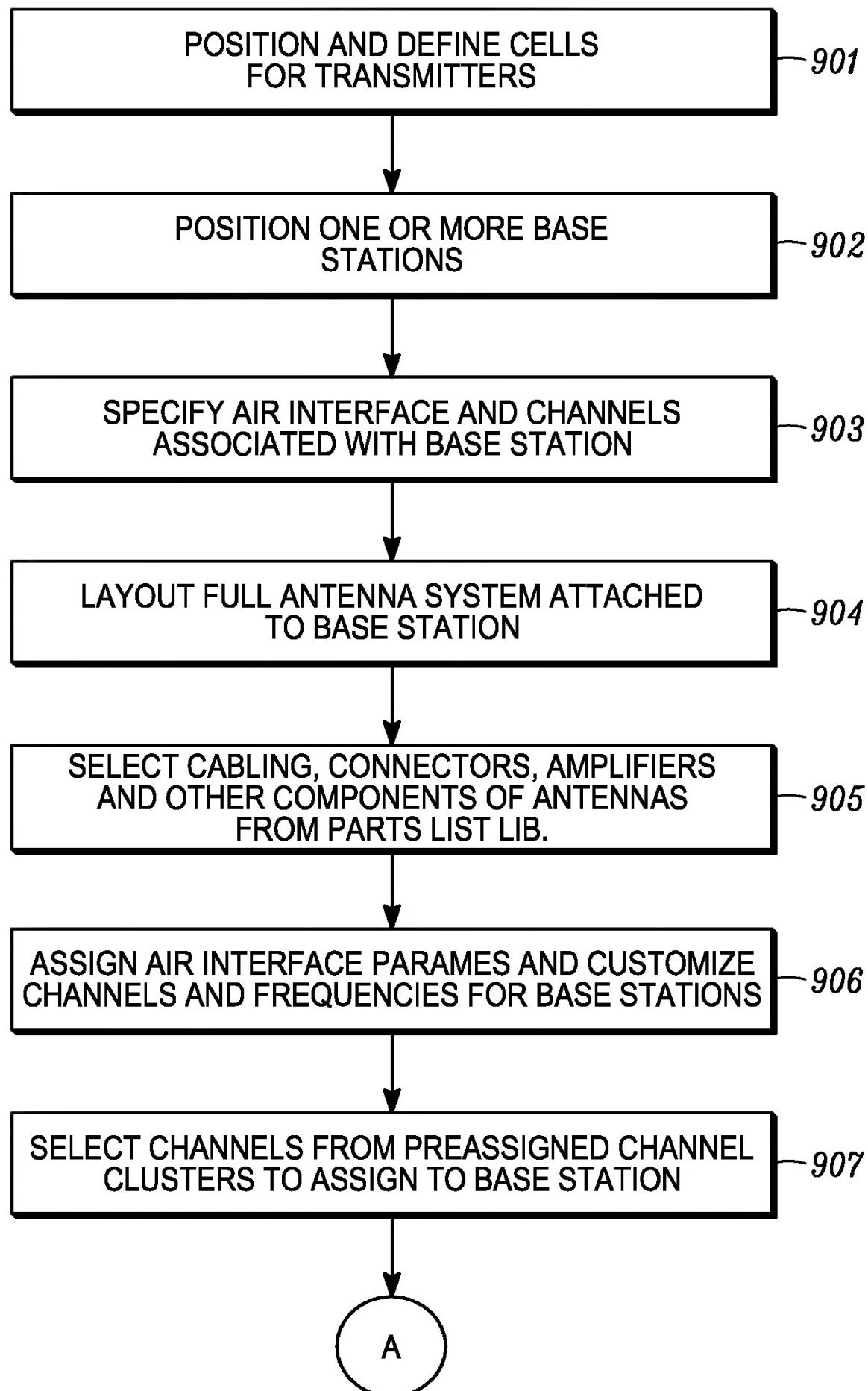


FIG. 9A

9/20

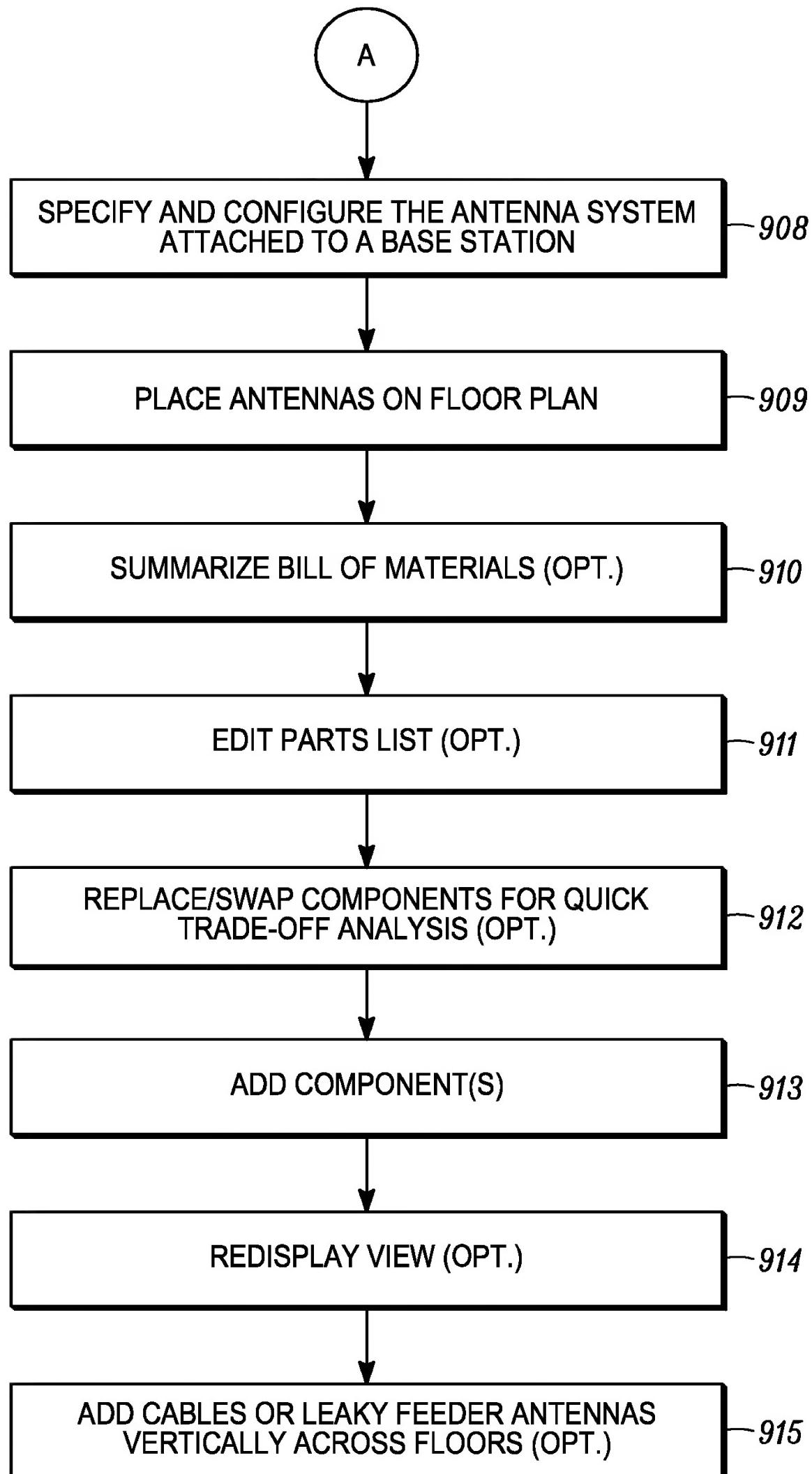


FIG. 9B

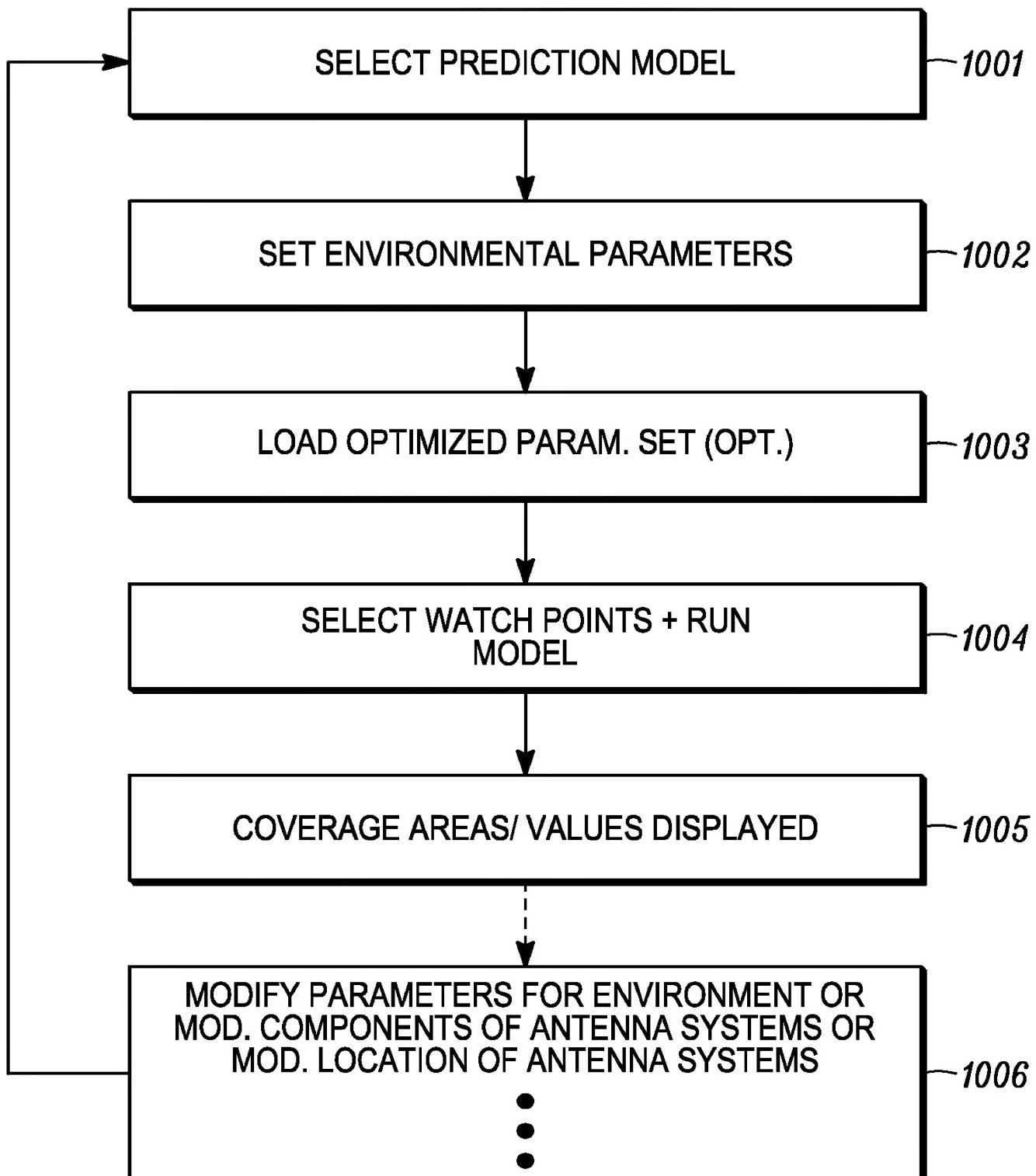


FIG. 10

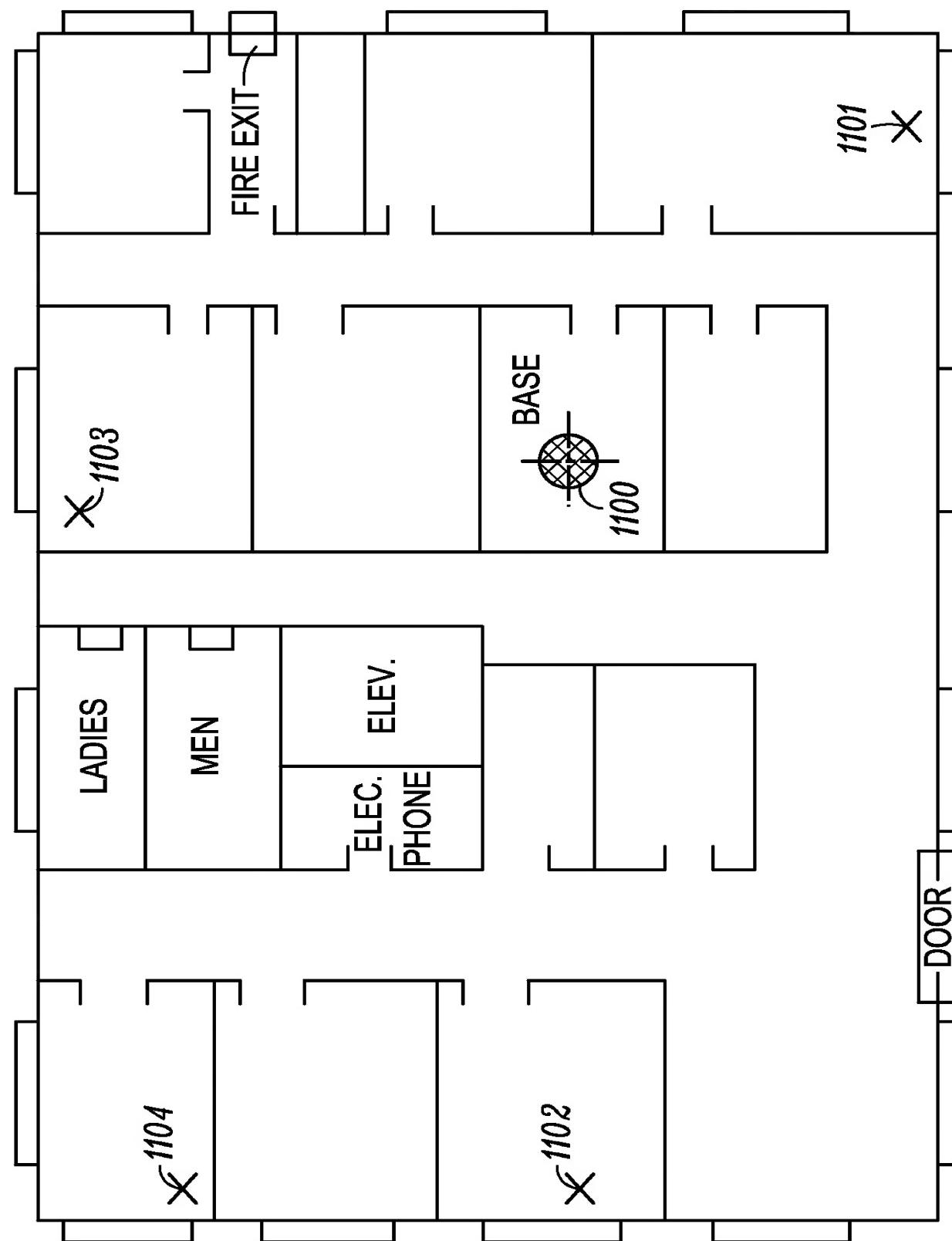


FIG. 11

12/20

ANTENNA POSITION MODE PREDICTION CONTROL

CDMA1 ALLEN TEL dB OMNI PCN 1850-1990 360 DEG 6.00 dB GAIN

WATCH POINTS

- 1 - FLOOR1, 67.71, 3.83, 1.80
- 2 - FLOOR1, 54.11, 25.25, 1.80
- 3 - FLOOR1, 33.67, 24.34, 1.80
- 4 - FLOOR1, 33.46, 8.05, 1.80

ADD WATCH POINT

REMOVE WATCH POINT

FLOOR

MOBILE RECEIVER PARAMETERS

PREDICT _____

RSSI

SIR

SNR

ANTENNA POSITIONING OPTIONS _____

LEFT CLICK ON LOCATION

TRACK MOUSE MOVEMENT

OK

CANCEL

FIG. 12

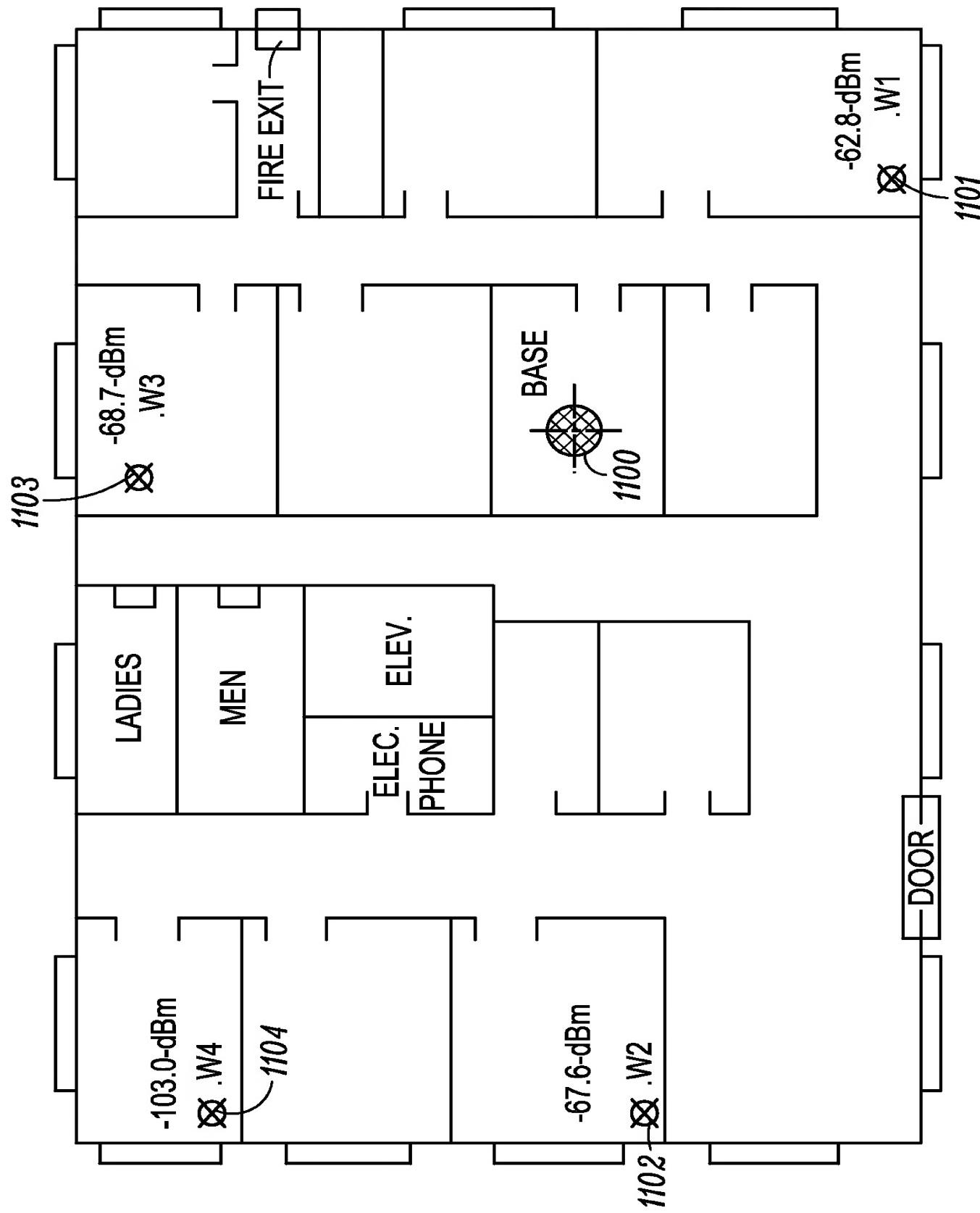


FIG. 13

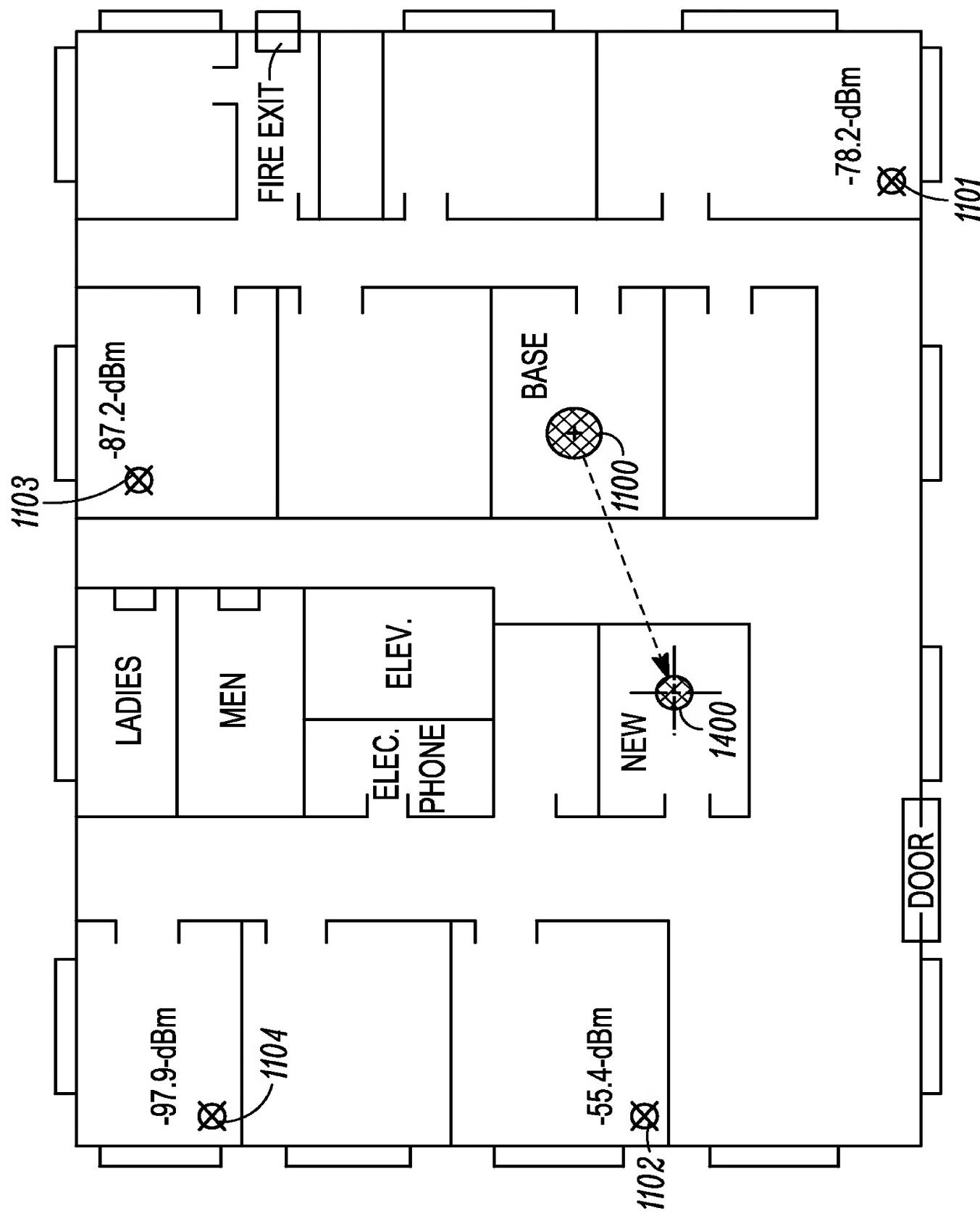


FIG. 14

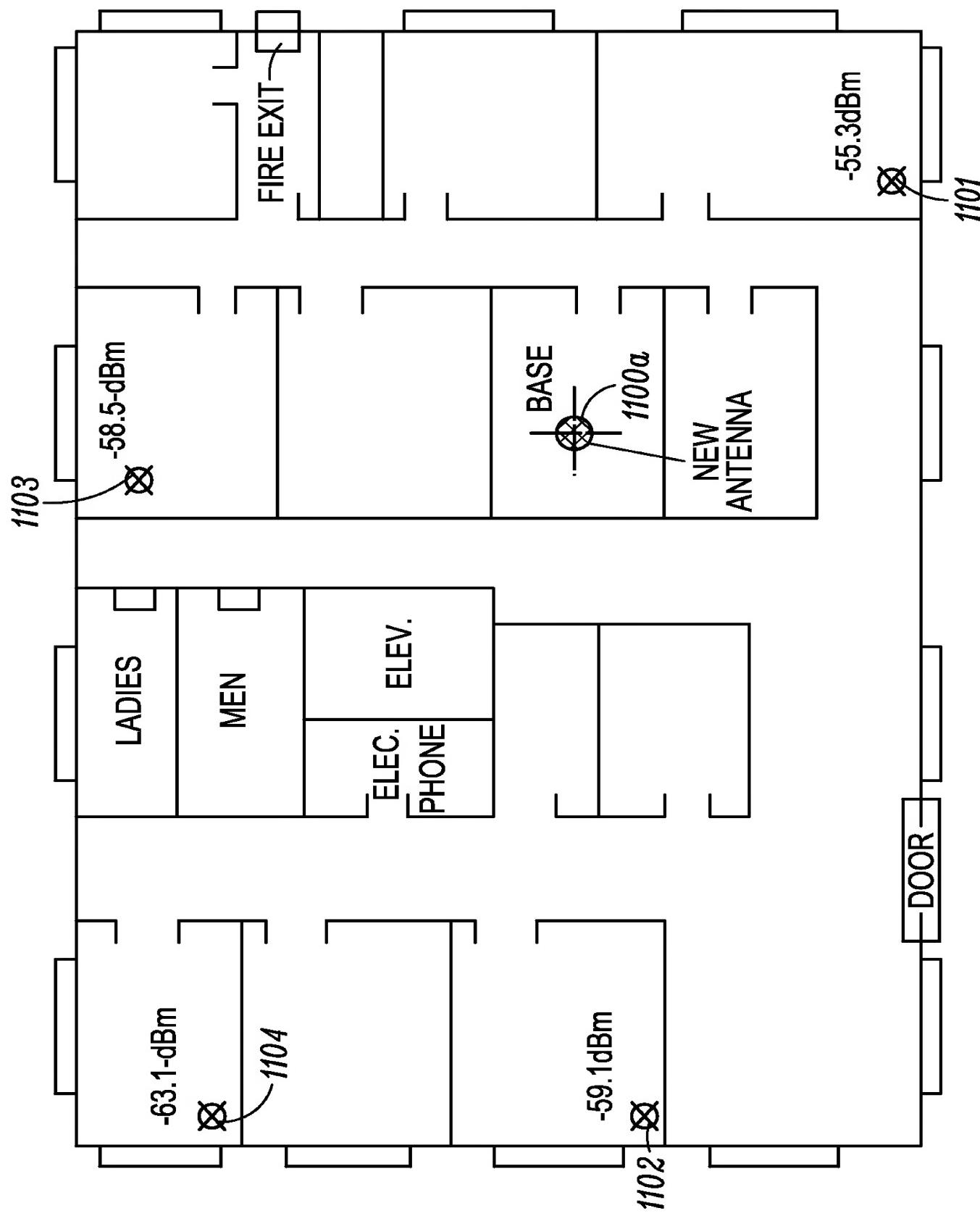


FIG. 15

BILL OF MATERIALS FOR CURRENT DRAWING	
1610	SUBTOTAL (EXCLUDING BASE STATION CDMA1): \$ 0.00
	BASE STATION: MACROCELL
	DESCRIPTION: CDMA MACROCELL
	FLOOR 1
	POSITION: 84.3, 44.0, 1.8
	CHANNEL SET: MACROCELL: IS-95A CDMA DEFAULT
	SUBCHANNEL SET: DEFAULT CHANNEL SET
	TXPOWER: 10.00 dBm
1611	RF BANDWIDTH: 1.25 MHz
	RECEIVER NOISE FIGURE: 0.00 dB
	CHANNELS ASSIGNED TO BASE STATION
	1
	-- NAME: ALLEN PCN PANEL 1710-1990 92 DEG 9.00 dB GAIN
	TYPE: ANTENNA_POINT
	MANUFACTURER: ALLEN TELECOM
	PART NUMBER: DB972 1850
1612	FREQUENCY: 1710-1990 MHz
	PATTERN FILE: 972_185.ant
	FLOOR 1
	POSITION: 84.3, 44.0, 1.8
	COST: \$0.00
	1613
	SUBTOTAL (EXCLUDING BASE STATION MACROCELL): \$0.00
	TOTAL COST (EXCLUDING BASE STATIONS): \$0.00
1614	

SAVE TO ASCII FILE

OK

FIG. 16

17/20

BILL OF MATERIALS FOR CURRENT DRAWING	
	<input checked="" type="checkbox"/> X
1611	<p>TYPE: ANTENNA_POINT MANUFACTURER: ALLEN TELECOM PART NUMBER: DB972 1850 FREQUENCY: 1710-1990 MHz PATTERN FILE: 972_185.ant FLOOR 1 POSITION: 84.3, 44.0, 1.8 COST: \$250.00</p> <p>1612a</p>
1720	<p>-- NAME : 7/8", 50-ohm FOAM DIELECTRIC COAXIAL CABLE" TYPE: CABLE MANUFACTURER: ANDREW PART NUMBER: LDF5* FREQUENCY: 2000 MHz LENGTH: 120.41 m (395.06ft) LOSS PER 100 m: 6.46 dB TOTAL LOSS: 7.78 dB POSITION: VERTEX0: 10.6, 0.8, 1.8 VERTEX1: 1.7, 2.8, 1.8 VERTEX2: 1.7, 31.0, 1.8 VERTEX3: 35.3, 31.0, 1.8 VERTEX4: 35.3, 23.5, 1.8 VERTEX5: 65.4, 23.6, 1.8 VERTEX6: 72.6, 32.0, 1.8 COST: \$85.00 —1721</p> <p>1613a</p> <p><u>SUBTOTAL (EXCLUDING BASE STATION MACROCELL): \$470.00</u></p> <p>1614a</p> <p>TOTAL COST (EXCLUDING BASE STATIONS): \$470.00</p>

SAVE TO ASCII FILE

OK

FIG. 17

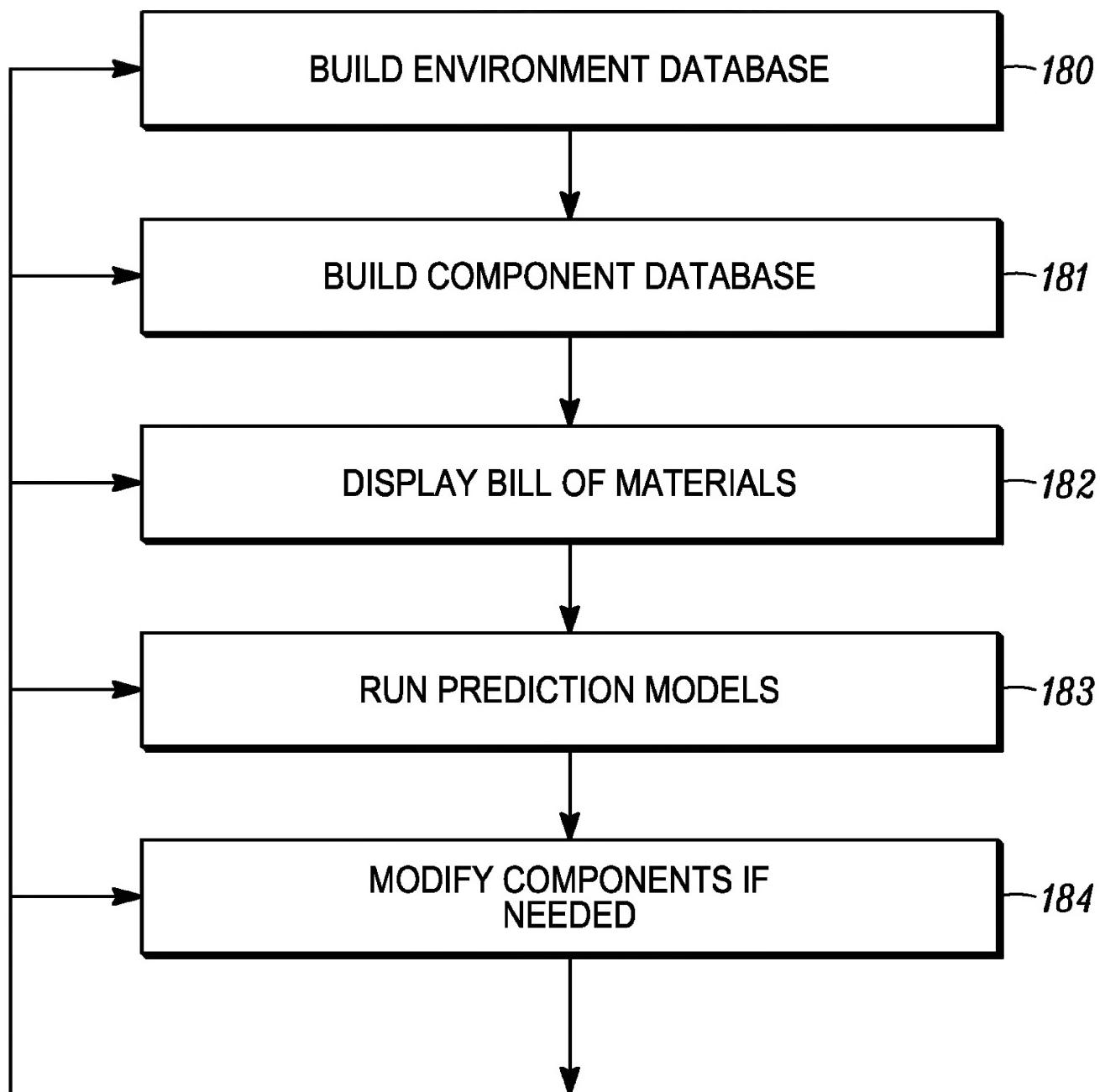


FIG. 18

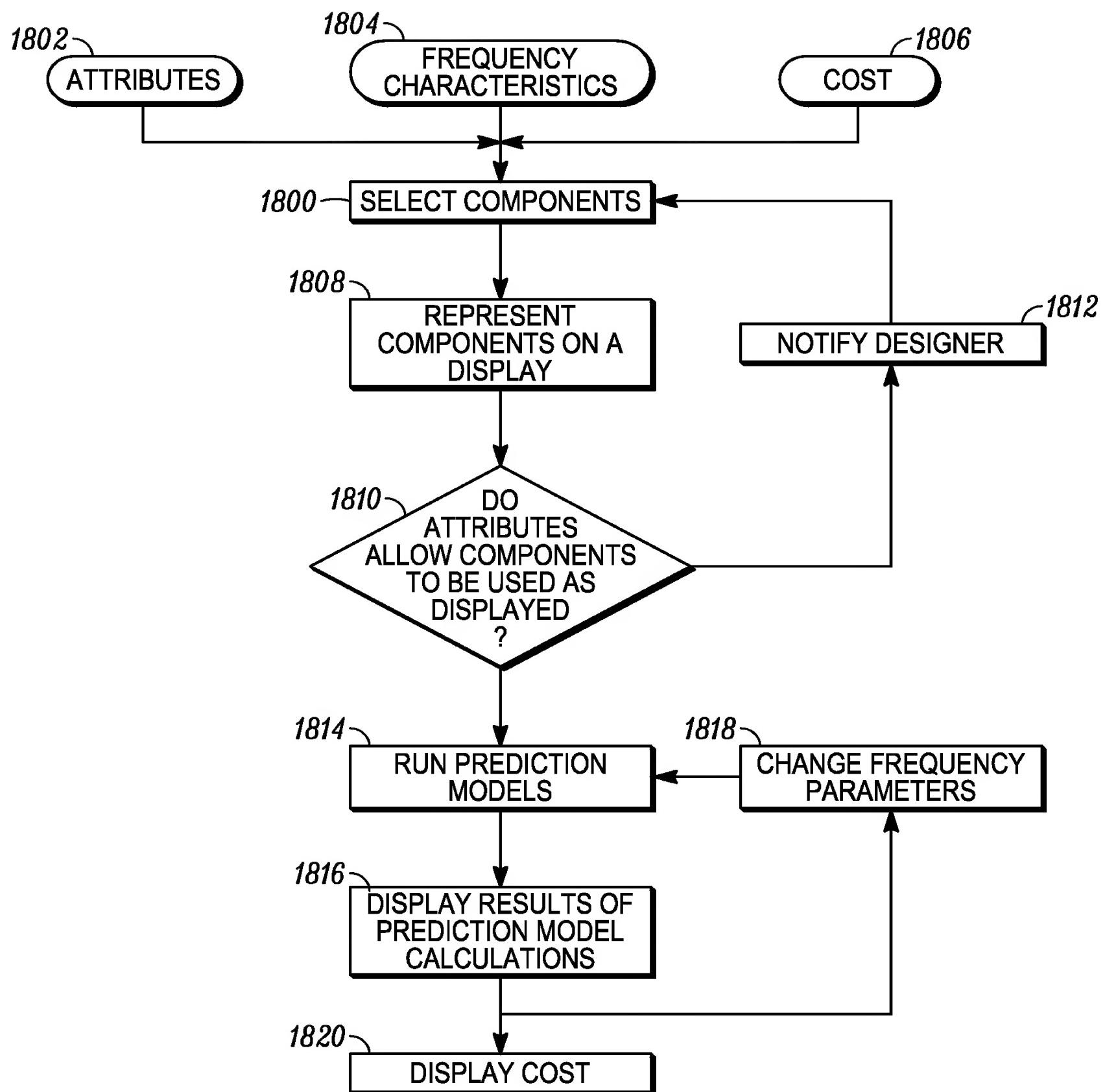


FIG. 19

20/20

COMPONENT KITS

<ul style="list-style-type: none">• [KIT: COMPONENT KIT #1] — 1001<ul style="list-style-type: none">□ 1/4" FLEXWELL LLFLEX FOAM CABLE — 1002□ GENERIC SPLITTER — 1003□ $\frac{1}{2}$ dB OMNI PCN 1850-1990 360 DEG 3.00 dB GAIN — 1004□ GENERIC LEAKY FEEDER — 1005□ LOAD TERMINATOR — 1006	<p>NEW KIT</p> <p>ADD</p> <p>REMOVE</p> <p>REPLACE</p> <p>VIEW</p>
<p>OK</p>	<p>CANCEL</p>

FIG. 20

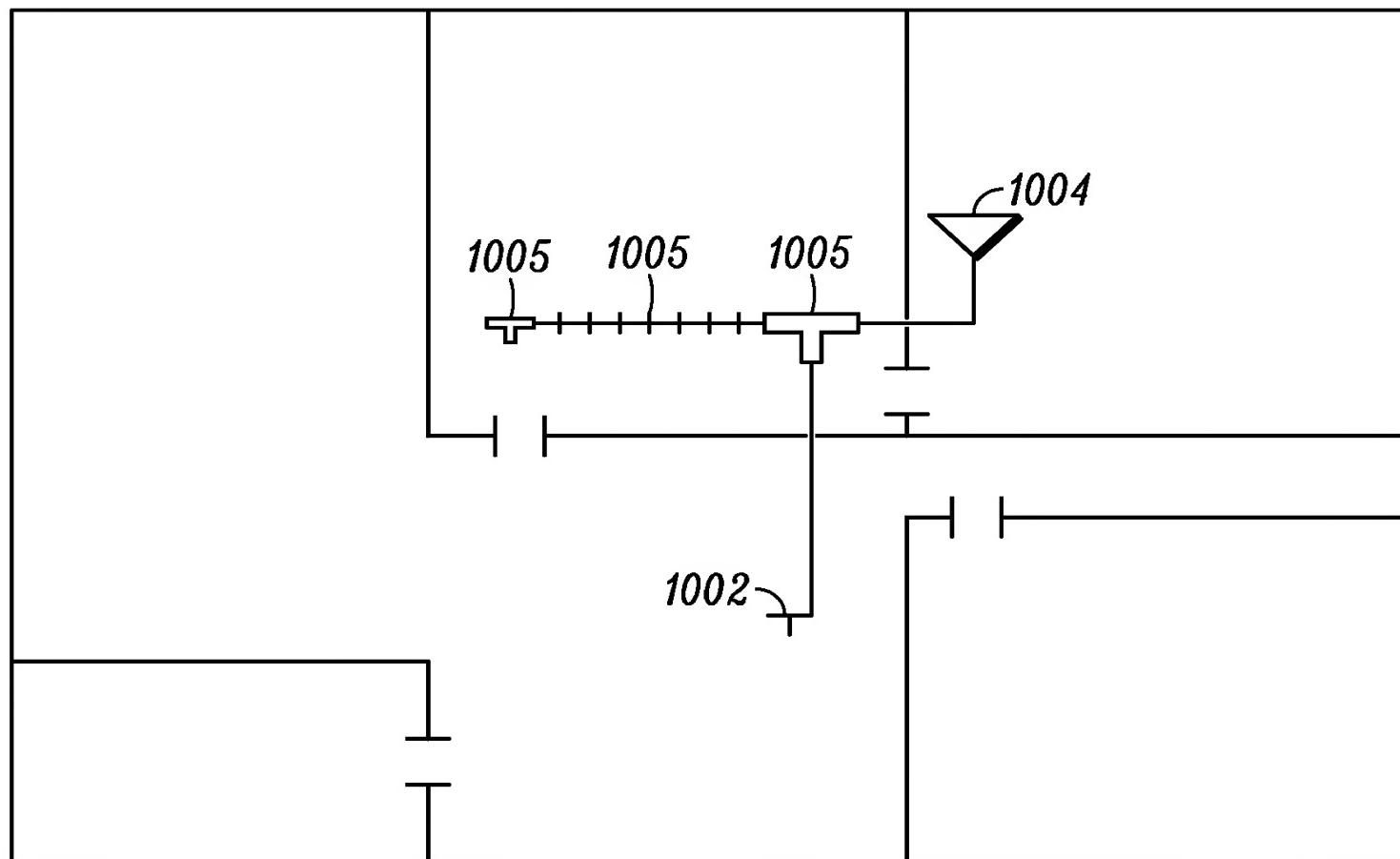


FIG. 21